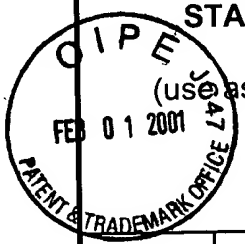


#4



PTO/SB/08A

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

**Complete if Known**

Application Number 09/685,296

Filing Date October 10, 2000

First Named Inventor Douglas D. Randall

Group Art Unit

*TBA/638*

Examiner Name

*TBA Kallis*

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Sheet

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of

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Attorney Docket No.

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**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document <i>class / subclass</i>	Date of Publication of Cited Document MM-DD-YYYY	T <sup>6</sup> <i>transl.</i> <i>Y N</i>
		Office	Number <sup>4</sup>	Kind Code <sup>2</sup> (if known)			
<i>RK</i>	1	WO	9219747		<i>— —</i>	11-12-92	<i>— —</i>
<i>RK</i>	2	WO	9302187		<i>— —</i>	02-04-93	<i>— —</i>
<i>RK</i>	3	WO	9505472		<i>— —</i>	02-23-95	<i>— —</i>
<i>RK</i>	4	WO	9800557		<i>— —</i>	01-08-97	<i>— —</i>

**OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>6</sup>
<i>RK</i>	5	GUAN, Y., ET AL., "Cloning and Characterization of a Dihydrolipoamide Acetyltransferase (E2) subunit of the Pyruvate Dehydrogenase Complex from <i>Arabidopsis thaliana</i> ," <i>Journal of Biological Chemistry</i> , Vol. 270, No. 10, 1995, pp. 5412-5417.	
<i>RK</i>	6	HAHN, J. J., ET AL., "Growth Kinetics, Nutrient Uptake, and Expression of the <i>Alcaligenes eutrophus</i> Poly( $\beta$ -hydroxybutyrate) Synthesis Pathway in Transgenic Maize Cell Suspension Cultures," <i>Biotechnol. Prog.</i> , 13, pp. 347-354, 1997.	
<i>RK</i>	7	JOHNSTON, M. L., ET AL., "Cloning and molecular analyses of the <i>Arabidopsis thaliana</i> plastid pyruvate dehydrogenase subunits," <i>Plant Biology '97: 1997 Annual Meetings of the American Society of Plant Physiologists and the Canadian Society of Plant Physiologists, Japanese Society of Plant Physiologists and the Australian Society of Plant Physiologists</i> , Vancouver, British Columbia, 1997.	
<i>RK</i>	8	JOHNSTON, MARK L., ET AL., "Cloning and molecular analyses of the <i>Arabidopsis thaliana</i> plastid pyruvate dehydrogenase subunits," <i>Biochimica et Biophysica Acta</i> , 1321, pp. 200-206, 1997.	

Examiner Signature	<i>Russell Kallis</i>	Date Considered	<i>8-23-2002</i>
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PTO/SB/08A				<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)				Application Number	09/685,296
				Filing Date	October 10, 2000
				First Named Inventor	Douglas D. Randall
				Group Art Unit	TBA 1638
				Examiner Name	TBA Kallis
Sheet	2	of	3	Attorney Docket No.	UMO 1482.1

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<div style="border: 1px solid black; border-radius: 50%; padding: 10px; display: inline-block;"> <b>O I P E</b>  <b>R K</b>  <b>FEB 01 2001</b>  <b>R K</b>          PATENT &amp; TRADEMARK OFFICE       </div>	9	LEE, SANG YUP, "Plastic bacteria? Progress and prospects for polyhydroxyalkanoate production in bacteria," <i>Tibtech</i> , Vol. 14, pp. 431-438, November 1996.	
		LUETHY, MICHAEL H., ET AL., "The nucleotide and deduced amino acid sequences of a cDNA encoding the E1 $\beta$ -subunit of the <i>Arabidopsis thaliana</i> mitochondrial pyruvate dehydrogenase complex," <i>Biochimica et Biophysica Acta</i> , 1187, pp. 95-98, 1994.	
	11	LUETHY, MICHAEL H., ET AL., "The mitochondrial pyruvate dehydrogenase complex: nucleotide and deduced amino-acid sequences of a cDNA encoding the <i>Arabidopsis thaliana</i> E1 $\alpha$ -subunit," <i>Gene</i> , 164, pp. 251-254, 1995.	
	12	LUETHY, M. H., ET AL., "Plant pyruvate dehydrogenase complexes" In M.S. Patel et al., Eds., <i>Alpha-Keto Acid Dehydrogenase Complexes</i> , Birkhauser Verlag, Basel, Switzerland, pp. 71-92, 1996.	
	13	LUETHY, MICHAEL H., ET AL., "The Nucleotide Sequence Of A cDNA Encoding The E1-beta Subunit Of The Branched-Chain Alpha-Keto Acid Dehydrogenase From <i>Arabidopsis thaliana</i> ," <i>Plant Gene Register</i> PGR 98-133, <i>Plant Physiol.</i> , 118:329, 1998.	
	14	MOONEY, BRIAN P., ET AL., "Nucleotide sequence of a cDNA encoding the dihydrolipoyltransferase E2) subunit of the branched-chain alpha-keto acid dehydrogenase complex from <i>Arabidopsis thaliana</i> ," <i>Plant Gene Register</i> PGR 98-071, <i>Plant Physiol.</i> , 117:331, 1998.	
	15	MOONEY, BRIAN P., ET AL., "Nucleotide Sequence of a cDNA Encoding the E1alpha Subunit of the Branched-Chain Alpha-Keto Acid Dehydrogenase Complex from <i>Arabidopsis thaliana</i> ," <i>Plant Gene Register</i> PGR98-168, <i>Plant Physiol.</i> , 118:in press, 1998.	
	16	NAWRATH, C., ET AL., "Plastid Targeting of the Enzymes Required for the Production of Polyhydroxybutyrate in Higher Plants," <i>Biodegradable Plastics and Polymers</i> , Y. Doi et al., Eds., Elsevier Science B.V., 1994, pp. 136-149.	
	17	NAWRATH, C., ET AL., "Plant polymers for biodegradable plastics: cellulose, starch and polyhydroxyalkanoates," <i>Molecular Breeding</i> , Vol. 1, No. 2, 1995, pp. 105-122.	
	18	NEWMAN, T., ET AL., "EST AC T04217," <i>EMBL Database</i> , August 30, 1993, Heidelberg.	
	19	NEWMAN, T., ET AL., "EST AC T42996," <i>EMBL Database</i> , February 3, 1995, Heidelberg.	
	20	NEWMAN, T., ET AL., "EST AC R29966," <i>EMBL Database</i> , August 11, 1995, Heidelberg.	


Examiner Signature	<i>Russell Kallis</i>	Date Considered	07-23-2002
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				Filing Date	October 10, 2000
				First Named Inventor	Douglas D. Randall
				Group Art Unit	<del>TBA</del> 1638
Examiner Name	<del>TBA</del> Kallis				
Sheet	3	of	3	Attorney Docket No.	UMO 1482.1

	21	NEWMAN, T., ET AL., "EST AC N65566," <i>EMBL Database</i> , March 8, 1996, Heidelberg.	
	22	NEWMAN, T., ET AL., "EST AC N96042," <i>EMBL Database</i> , April 19, 1996, Heidelberg.	
	23	NEWMAN, T., ET AL., "EST AC W43179," <i>EMBL Database</i> , May 27, 1996, Heidelberg.	
	24	POIRIER, YVES, ET AL., "Polyhydroxybutyrate, a Biodegradable Thermoplastic, Produced in Transgenic Plants," <i>Science</i> , Vol. 256, pp. 520-523, April 24, 1992.	
	25	POIRIER, YVES, ET AL., "Production of Polyhydroxyalkanoates, a Family of Biodegradable Plastics and Elastomers, in Bacteria and Plants," <i>Bio/Technology</i> , Vol. 13, pp. 142-150, February 13, 1995.	

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Examiner Signature	<i>Russell Kallis</i>	Date Considered	8-23-2002
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